

```
1 package semaphore.light.e27;
2
3 import static org.junit.jupiter.api.Assertions.*;
4
5
6
7
8
9 class E27LightBulbTest {
10
11     @Test
12     void shouldTurnOn() {
13
14         //given
15         Light light = new E27LightBulb();
16
17         //do action
18         light.turnOff();
19         light.turnOn();
20
21         //check
22         assertTrue(light.isOn());
23     }
24
25     @Test
26     void shouldTurnOff() {
27
28         Light light = new E27LightBulb();
29
30         light.turnOn();
31         light.turnOff();
32
33         assertTrue(light.isOff());
34     }
35
36 }
37
```